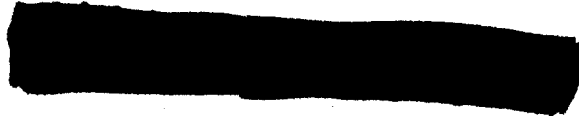


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August 1964

PHOTOGRAPHIC INTERPRETATION REPORT



MISSION 393.9

29 AUGUST 1964



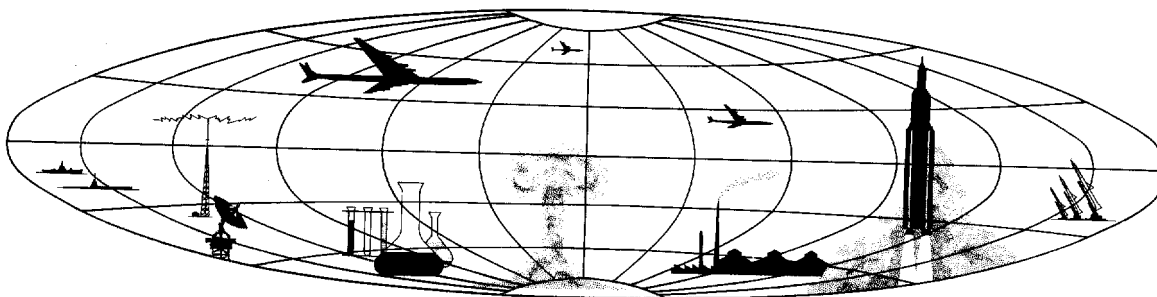
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GROUP 1  
Excluded from automatic  
downgrading and declassification



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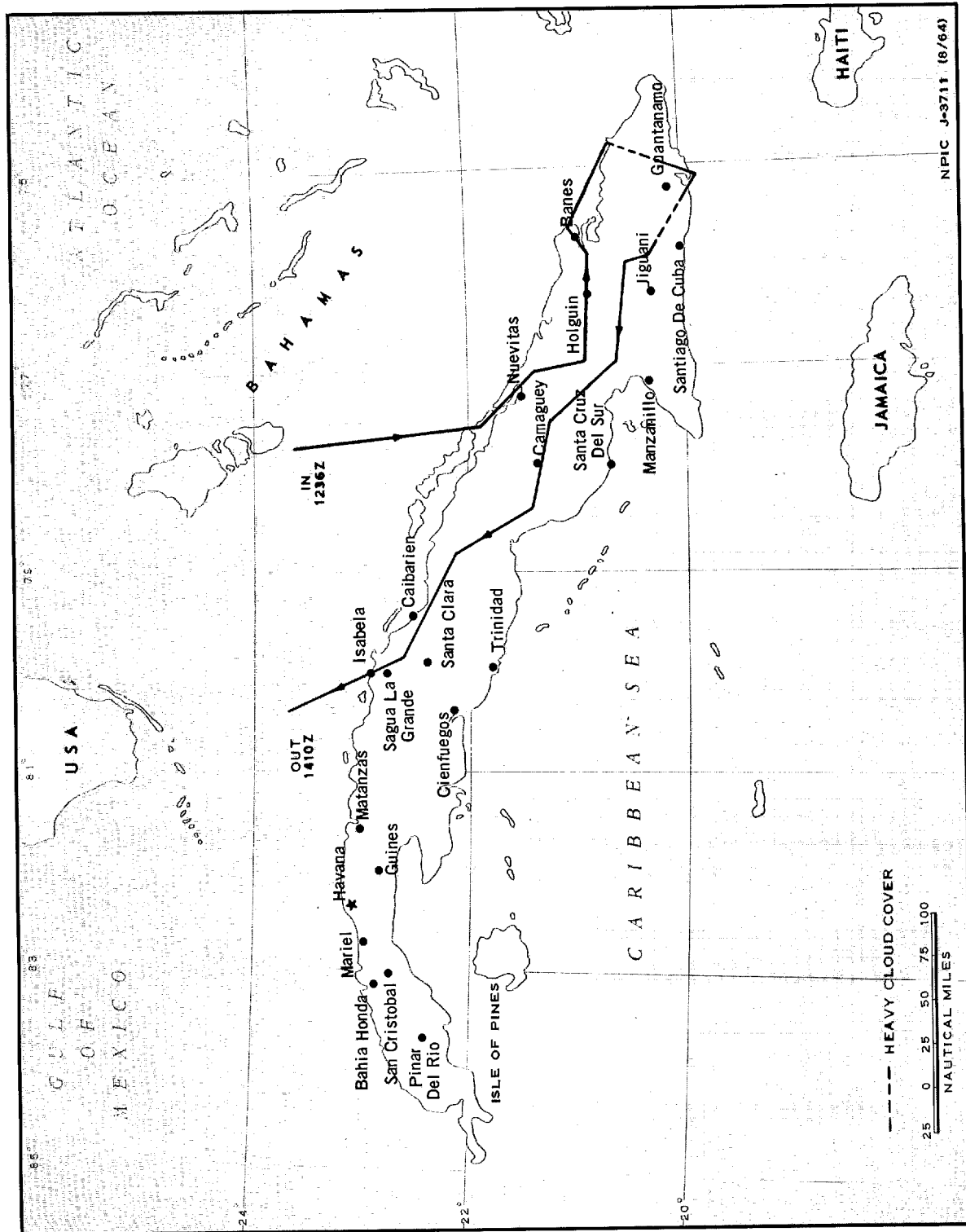
PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3939, DATED 29 AUG 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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MISSION 3939, AUGUST 1964

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APPROXIMATE TRACK OF

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ITEM OF SPECIAL INTEREST

THE PREVIOUSLY REPORTED 21 TANKS/SP GUNS AT ALTRO CEDRO MILITARY CAMP ARE UNLOCATED.

MISSILES

25X1A

CAIBARIEN SAM SITE 2228N 07929W

SIX UNREVIEWED LAUNCHERS (ONE WITH MISSILE), 6 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 9 TRACKED PRIME MOVERS, ONE TRUCK-MOUNTED CRANE, ONE VAN TRAILER AND A GUIDANCE AREA WITH CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNREVIEWED LAUNCHERS, AT LEAST 5 MISSILE TRANSPORTERS, 16 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

25X1D

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

SEVENTEEN UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT OBSERVED. FOLIAGE AND POOR IMAGE QUALITY LIMIT INTERPRETATION.

25X1D

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25X1A

████████ VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

NINETEEN MISSILE TRANSPORTERS, 5 TRACTOR-TRAILER TRUCKS, 4 POSSIBLE TRUCK TRACTORS, 9 CARGO TRUCKS, 2 UTILITY TRUCKS, 2 VAN TRUCKS, ONE POSSIBLE VAN TRUCK, AND NUMEROUS MISSILE CANISTERS OBSERVED. THE 3-GUN AAA SITE REMAINS OCCUPIED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

████████ MALDONADO SAM SITE 2012N 07528W

SIX REVETTED LAUNCHERS, 6 PROBABLE MISSILE TRANSPORTERS IN CANVAS-COVERED HOLD REVETMENT, 20 OTHER VEHICLES, AND A GUIDANCE REVETMENT WITH RADAR, 4 VAN TRAILERS AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. MISSILE HOLD REVETMENT CONTAINS 2 ROWS OF CANVAS-COVERED OBJECTS. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

████████ CAMAGUEY AIRFIELD SAM SITE 2122N 07750W

FOUR UNRETTED LAUNCHERS (2 WITH MISSILES), 4 CANVAS-COVERED MISSILE TRANSPORTERS, 10 CANVAS-COVERED TRACKED PRIME MOVERS, 8 CARGO TRUCKS, ONE VAN TRUCK, 2 PROBABLE UTILITY TRUCKS, 4 OTHER VEHICLES AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED IN CLOUD-FREE AREAS. THREE ADDITIONAL LAUNCHERS, ONE FAN SONG RADAR, 6 VAN TRUCKS, 2 VAN TRAILERS AND ONE OTHER VEHICLE REMAIN ADJACENT TO RING ROAD. THE TWO 3-GUN AAA SITES REMAIN OCCUPIED.

25X1D

25X1A

████████ HOLGUIN SAM SITE 2052N 07627W

SIX UNRETTED LAUNCHERS (2 WITH MISSILES AND ONE CANVAS-COVERED), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), 12 TRACKED PRIME MOVERS, 16 CARGO TRUCKS AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS AND

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CANVAS-COVERED EQUIPMENT OBSERVED.  
AN ADDITIONAL LAUNCHER REMAINS JUST OUTSIDE THE  
RING ROAD.  
THE 3-GUN AAA SITE REMAINS OCCUPIED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

SANTA CLARA SAM SITE 2229N 08000W

SIX UNRETTED LAUNCHERS (3 WITH MISSILES),  
4 MISSILE TRANSPORTERS, 6 TRACKED PRIME MOVERS,  
7 CARGO TRUCKS, 5 OTHER VEHICLES, 3 VAN TRAILERS,  
AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS  
OBSERVED.  
TWO ADDITIONAL LAUNCHERS, A FAN SONG RADAR, 6 VAN  
TRUCKS, AND 4 VAN TRAILERS REMAIN BETWEEN LAUNCH  
POSITION AND PARKING AREA.

25X1D

25X1A

NUEVITAS SAM SITE 2 2132N 07717W

SIX UNRETTED LAUNCHERS (ONE WITH MISSILE AND  
5 CANVAS-COVERED), 7 CANVAS-COVERED MISSILE  
TRANSPORTERS, 12 TRACKED PRIME MOVERS, 7 OTHER  
VEHICLES, AND A GUIDANCE AREA WITH RADAR, 7 VAN  
TRAILERS AND CANVAS-COVERED EQUIPMENT OBSERVED.  
SIX ADDITIONAL PROBABLE LAUNCHERS REMAIN IN THE  
SUPPORT AREA.

25X1D

NO APPARENT CHANGE IN FACILITIES.

25X1A

PRESTON SAM SITE 2044N 07538W

SIX RETTTED LAUNCHERS, 3 MISSILE TRANSPORTERS,  
AT LEAST 15 UNIDENTIFIED VEHICLES, AND A GUIDANCE  
RETTMENT WITH RADAR AND FOUR VAN TRAILERS OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.  
OBLIQUITY LIMITS INTERPRETATION.

25X1D

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25X1A

MATA SAM SITE 2235N 07955W

SIX UNREVIEWED LAUNCHERS (3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, 10 TRACKED PRIME MOVERS, 2 PROBABLE CARGO TRUCKS, ONE PROBABLE TRUCK-MOUNTED CRANE, 2 VAN TRAILERS, ONE UNIDENTIFIED PIECE OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED. FACILITIES INCLUDE 11 LARGE TENTS (8 NON-SOVIET) AND ONE MEDIUM NON-SOVIET TENT.

25X1D

SAN DIEGO DEL VALLE SAM SITE 2232N 08003W

SIX UNREVIEWED LAUNCHERS (2 WITH MISSILES), 6 MISSILE TRANSPORTERS, 2 VAN TRAILERS, 2 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED.

25X1D NO APPARENT CHANGE IN FACILITIES.

25X1A

SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W

TWENTY-FOUR NET-COVERED CRUISE-MISSILE CRATES AND ONE UNIDENTIFIED VEHICLE OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 13 FAGOT/FRESCO, ONE CRATE, 9 HOUND (3 WITHOUT ROTORS) AND 3 HARE (2 WITHOUT ROTORS).

25X1D

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07750W

AIRCRAFT -- ONE COLT AND ONE POSSIBLE LIAISON OBSERVED IN CLOUD-FREE AREAS.

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25X1D

25X1A

HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 19 FAGOT/FRESCO, ONE LIAISON AND 3 HOUND  
OBSERVED IN CLOUD-FREE AREAS.

25X1D

ANTONIO MACED AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, 3 C-47, ONE LIAISON, AND ONE  
HOUND.

25X1D

CAIBARIEN AIRFIELD 2230N 07928W

AIRCRAFT -- ONE HOUND.

25X1D

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE 2208N 08027W

VESSELS -- AT LEAST 4 LARGE FREIGHTERS.  
OBLIQUITY LIMITS INTERPRETATION.

25X1D

SANTIAGO DE CUBA NAVAL BASE AND PORT 2001N 07550W

VESSELS -- 8 LARGE FREIGHTERS AND 2 LARGE TANKERS.

25X1D

NUEVITAS PORT 2132N 07715W

VESSELS -- 4 LARGE FREIGHTERS.

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25X1D

25X1A

LA ISABELA PORT 2256N 08000W

VESSELS -- 4 PROBABLE YP.

25X1D

CAIBARIEN PORT 2231N 07928W

VESSELS -- 3 LARGE FREIGHTERS AND ONE LARGE  
UNIDENTIFIED VESSEL MOORED TO THE GROUND HULK.

25X1D

PUERTO PADRE PORT 2113N 07632W

VESSELS -- ONE PROBABLE LARGE FREIGHTER AT CAYO  
JUAN CLARO.

25X1D

ELECTRONICS/COMMUNICATIONS

SAGUA LA GRANDE RADAR SITE 2250N 08005W

NO APPARENT CHANGE IN FACILITIES.  
SIX CARGO TRUCKS, 5 VAN TRUCKS, AND 2 CARGO TRAILERS  
OBSERVED.

25X1D

MILITARY ACTIVITY

GUANTANAMO AREA 2018N 07525W

AREA 1 -- 20 PER CENT COVERAGE. SCATTERED CLOUDS.  
AREA 2 -- 50 PER CENT COVERAGE. SCATTERED CLOUDS,  
CLOUD SHADOW.  
AREAS 3, 4 AND 8 -- 100 PER CENT COVERAGE.  
SCATTERED CLOUDS, CLOUD SHADOW.  
AREA 5 -- 75 PER CENT COVERAGE. SCATTERED CLOUDS,  
CLOUD SHADOW.

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AREA 6 -- 95 PER CENT COVERAGE. SCATTERED CLOUDS,  
CLOUD SHADOW.

AREA 7 -- 100 PER CENT COVERAGE. CLEAR.

AREA 9 -- 100 PER CENT COVERAGE. CLEAR. FIVE  
POSSIBLE AW POSITIONS AT UTM [REDACTED]

25X1D

25X1D

[REDACTED] ARE IN NEWLY CLEARED  
AREAS WHICH PARALLEL THE NAVAL RESERVATION BOUNDARY.  
(AMS SERIES E723, SHEET 5175-1, 3D ED)

25X1D

25X1A

[REDACTED] HOLGUIN MILITARY CAMP 2053N 07613W

ALL AREAS -- NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 18 TANKS/SP GUNS, 3 POSSIBLE TANKS/SP  
GUNS, 80 CARGO TRUCKS, 23 OTHER VEHICLES AND 8  
FA/AAA/MORTARS.

CAMP 0.6 NM SE -- 8 PROBABLE CARGO TRUCKS, 20 OTHER  
VEHICLES, AT LEAST 12 FA PIECES AND 20 POSSIBLE  
FA/AAA PIECES.

CAMP 2.2 NM SE -- 19 CARGO TRUCKS, 2 UTILITY TRUCKS,  
3 OTHER VEHICLES, AND 18 FA PIECES.

SCATTERED CLOUDS AND CLOUD SHADOW LIMIT  
INTERPRETATION.

25X1D

25X1A

[REDACTED] CAMAGUEY MILITARY CAMP COUNTRY CLUB 2121N 07751W

NO APPARENT CHANGE IN FACILITIES.

NINE CARGO TRUCKS, 4 VAN TRUCKS, 4 UTILITY TRUCKS,  
2 OTHER VEHICLES, AND 4 VAN TRAILERS OBSERVED.

25X1D

25X1A

[REDACTED] OFELIA MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.

AT LEAST 27 PROBABLE TANKS/SP GUNS, APPROXIMATELY  
90 UNIDENTIFIED VEHICLES AND APPROXIMATELY 80  
FA/AAA/MORTARS OBSERVED.

CLOUD SHADOW LIMITS INTERPRETATION.

25X1D

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25X1A

REMEDIOS MILITARY AREA 2227N 07935W

25X1D

MAIN CAMP -- NO APPARENT CHANGE IN PERMANENT FACILITIES EXCEPT A NEWLY CONSTRUCTED SMALL-ARMS FIRING RANGE WITH MOVING TARGETS, 28 LARGE TENTS (18 NON-SOVIET) AND 3 MEDIUM TENTS (ONE NON-SOVIET) ARE LOCATED AT UTM [REDACTED] SIX PROBABLE BRDM APC, 208 CARGO TRUCKS, 19 UTILITY TRUCKS, 6 VAN TRUCKS, 2 PROBABLE TANK TRUCKS, 13 OTHER VEHICLES, 4 VAN TRAILERS, 6 CARGO TRAILERS, 14 FA PIECES, 5 AAA PIECES, 2 PROBABLE AAA PIECES, 4 MORTARS, 3 PROBABLE MORTARS, AND 7 UNIDENTIFIED PIECES OF EQUIPMENT OBSERVED. THE 6-GUN AAA SITE IS OCCUPIED. CAMP 0.8 NM NW -- NO APPARENT CHANGE IN FACILITIES. FIVE LARGE NON-SOVIET TENTS, ONE SMALL TENT, 2 CARGO TRUCKS AND 5 OTHER VEHICLES.  
(AMS SERIES E723, SHEET 4283-II, 2D ED)

25X1D

25X1A

ALTO CEDRO MILITARY CAMP 2029N 07600W

AREA 1 -- 32 CARGO TRUCKS AND 4 MORTARS.  
AREA 2 -- NO VEHICLES OBSERVED.  
AREA 3 -- 36 CARGO TRUCKS, ONE UTILITY TRUCK, 4 FA PIECES, AND 6 UNIDENTIFIED PIECES OF EQUIPMENT.  
AREA 4 -- 22 CARGO TRUCKS AND 18 FA PIECES.  
AREA 5 -- 25 UNIDENTIFIED VEHICLES.  
AREA 6 -- 7 CARGO TRUCKS AND ONE UTILITY TRUCK.  
AREA 7 -- 11 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.  
AREA 8 -- 40 CARGO TRUCKS, ONE TANK TRUCK, 3 UTILITY TRUCKS, 2 CARGO TRAILERS, AND 3 POSSIBLE MORTARS.  
AREA 9 -- 31 CARGO TRUCKS, 4 OTHER VEHICLES, AND 3 POSSIBLE FA PIECES.  
AREA 10 -- 13 CARGO TRUCKS.

25X1D

25X1A

SANTA CLARA AREA MILITARY ACTIVITY 2220N 07957W

TWENTY-ONE PROBABLE TANKS/SP GUNS, 3 CARGO TRUCKS, AND 4 OTHER VEHICLES OBSERVED.  
OBLIQUITY LIMITS INTERPRETATION.

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25X1D

25X1A

CAMAGUEY MILITARY CAMP 2126N 07753W

FORTY-SEVEN CARGO TRUCKS, 3 PROBABLE UTILITY TRUCKS, 30 FA PIECES, AND 15 MORTARS OBSERVED IN CLOUD-FREE AREAS.

25X1D

EL CRISTO MILITARY INSTALLATION 2008N 07547W

BOTH AREAS -- NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 12 PROBABLE TRACKED VEHICLES, 22 OTHER VEHICLES, AND 6 FA PIECES.  
AREA 1.6 NM NE -- 12 UNIDENTIFIED VEHICLES.

25X1D

MACAGUA MILITARY CAMP 2050N 07610W

NO APPARENT CHANGE IN FACILITIES.  
TWENTY CARGO TRUCKS AND 18 PROBABLE MORTARS OBSERVED.

25X1D

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.  
TWENTY-TWO TANKS/SP GUNS, 10 CARGO TRUCKS, 12 AAA PIECES, AND 6 OTHER VEHICLES OR PIECES OF EQUIPMENT OBSERVED.

25X1D

SANTA CLARA AREA ARTILLERY TRAINING AREA 2222N 08000W

NO APPARENT CHANGE IN FACILITIES IN ALL AREAS.  
AREA 1 -- 9 BRDM APC, 14 CARGO TRUCKS, ONE OTHER VEHICLE, 2 PROBABLE CARGO TRAILERS, AND 3 PROBABLE FA PIECES.  
AREA 2 -- ABANDONED.  
AREA 3 -- 6 CARGO TRUCKS.

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25X1D AREA 4 -- 15 PROBABLE CARGO TRUCKS.  
AREA 5 -- 21 PROBABLE TANKS/SP GUNS, 9 PROBABLE  
CARGO TRUCKS, AND 2 OTHER VEHICLES.

25X1A

TACAJO MILITARY CAMP 2051N 07558W

25X1D AREAS 1, 5 AND 6 -- IDENTIFICATION ONLY.  
AREA 2 -- ABANDONED.  
AREA 3 -- 22 PROBABLE CARGO TRUCKS AND 18 POSSIBLE  
MORTARS.  
AREA 4 -- 20 CARGO TRUCKS AND 18 FA PIECES.  
AREA 7 -- 17 CARGO TRUCKS AND 16 OTHER VEHICLES.  
AREA 8 -- CLOUD COVERED.  
AREA 9 -- 15 TANKS/SP GUNS.

25X1A

DOS CAMINOS MILITARY TRAINING AREA 2014N 07547W

25X1D NO APPARENT CHANGE IN FACILITIES.  
THIRTY-SIX TRACKED PRIME MOVERS, 78 CARGO TRUCKS,  
APPROXIMATELY 15 OTHER VEHICLES, AT LEAST 66 FA  
PIECES, AND 7 AAA PIECES OBSERVED.

25X1A

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN PERMANENT FACILITIES.  
TWO LARGE NON-SOVIET TENTS, 13 CARGO TRUCKS,  
AND 11 FA PIECES OBSERVED.

25X1D

SANTA CLARA MILITARY CAMP CUBANACAN 2224N 07952W

CUBANACAN -- NO APPARENT CHANGE IN PERMANENT  
FACILITIES. FIVE LARGE TENTS (4 NON-SOVIET) 4 MEDIUM  
NON-SOVIET TENTS, 32 CARGO TRUCKS, 8 VAN TRUCKS,  
8 UTILITY TRUCKS, 2 TRUCK-MOUNTED CRANES, 4 OTHER  
VEHICLES AND 8 UNIDENTIFIED PIECES OF EQUIPMENT.  
STORAGE AREA NORTH -- NO VEHICLES OBSERVED.

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25X1D ESCUELA TECNOLOGICA -- NO VEHICLES OBSERVED.

25X1A

LA VEGA MILITARY CAMP 2053N 07552W

NO APPARENT CHANGE IN FACILITIES.  
THIRTEEN CARGO TRUCKS AND 12 PROBABLE FA PIECES  
OBSERVED.

25X1D

PLAYA YATERITAS LANDING BEACH 1958N 07457W

NO MILITARY ACTIVITY OBSERVED.

25X1D

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-STATUS OF OTHER TARGETS OBSERVED-

25X1A

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE  
SINCE LAST COVERAGE--

SAGUA LA GRANDE MRBM SITE 2  
LOS CANDS AIRFIELD  
CAMAGUEY RADAR SITE  
CIEGO DE AVILA RADAR SITE LA GRANJA  
HOLGUIN RADAR SITE

2239N 07951W  
2005N 07509W  
2121N 07751W  
2152N 07846W  
2048N 07618W

25X1D

25X1D

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT  
NOT INTERPRETED--

BANES CRUISE-MISSILE SITE  
BAYAMO AIRFIELD EAST  
BARACOA AIRFIELD NORTHWEST  
BAYAMO AIRFIELD  
MANZANILLO PORT  
SANTIAGO DE CUBA RADAR SITE  
MATAGUA MILITARY CAMP  
JURAGUA MILITARY ACTIVITY  
ANTON RECIO MILITARY INSTALLATION  
MINAS MILITARY CAMP  
SANTA ISABEL FINCA MILITARY CAMP  
MAR VERDE LANDING BEACH  
NICARO LANDING BEACH

2058N 07538W  
2022N 07637W  
2021N 07430W  
2023N 07637W  
2021N 07707W  
1959N 07551W  
2215N 08002W  
2209N 08035W  
2211N 08036W  
2127N 07734W  
2005N 07528W  
1957N 07557W  
2042N 07533W

25X1A

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